

Pt. 53, Subpt. E, App. A

40 CFR Ch. I (7–1–10 Edition)

Compliance Status: Y = Yes N = No NA = Not applicable/Not available			Verification Comments (Includes documentation of who, what, where, when, why) (Doc. #, Rev. #, Rev. Date)
Verification			
Y	N	NA	Verified by Direct Observation of Process or of Documented Evidence: Performance, Design or Application Spec. Corresponding to Sections of 40 CFR Part 53 or 40 CFR Part 50, Appendix L
			Sample flow rate (§ 53.53) (L–7.4.1, L–7.4.2)
			Sample flow rate regulation (§ 53.53) (L–7.4.3)
			Flow rate and average flow rate measurement accuracy (§ 53.53) (L–7.4.5)
			Ambient air temperature measurement accuracy (§ 53.55) (L–7.4.8)
			Ambient barometric pressure measurement accuracy (§ 53.56) (L–7.4.9)
			Sample flow rate cut-off (§ 53.53) (L–7.4.4)
			Sampler leak check facility (§ 53.52) (L–7.4.6)
			Application Specification Tests
			Flow rate calibration transfer standard (L-9.2)
			Operational /Instructional manual (L-7.4.18)
			Design Specification Tests
			Impactor (jet width) (§ 53.51(d)(1)) (L-7.3.4.1)
			Surface finish (§ 53.51(d)(2)) (L-7.3.7)

**APPENDIX A TO SUBPART E OF PART 53—
REFERENCES**

(1) American National Standard Quality Systems—Model for Quality Assurance in Design, Development, Production, Installation, and Servicing, ANSI/ISO/ASQC Q9001–1994. Available from American Society for Quality, P.O. Box 3005, Milwaukee, WI 53202 (<http://qualitypress.asq.org>).

(2) American National Standard Quality Systems for Environmental Data and Technology Programs—Requirements with guidance for use, ANSI/ASQC E4–2004. Available from American Society for Quality, P.O. Box 3005, Milwaukee, WI 53202 (<http://qualitypress.asq.org>).

(3) Quality Assurance Guidance Document 2.12. Monitoring PM_{2.5} in Ambient Air Using Designated Reference or Class I Equivalent Methods. U.S. EPA, National Exposure Research Laboratory, Research Triangle Park, NC, November 1998 or later edition. Currently available at <http://www.epa.gov/ttn/amtic/pmqaia.html>.

(4) Military standard specification (mil. spec.) 8625F, Type II, Class 1 as listed in Department of Defense Index of Specifications and Standards (DODISS), available from DODSSP-Customer Service, Standardization Documents Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 1911-5094.

(5) Quality Assurance Handbook for Air Pollution Measurement Systems, Volume IV:

Meteorological Measurements. Revised March, 1995. EPA-600/R-94-038d. Available from National Technical Information Service, Springfield, VA 22161, (800-553-6847, <http://www.ntis.gov>). NTIS number PB95-199782INZ.

(6) Military standard specification (mil. spec.) 810-E as listed in Department of Defense Index of Specifications and Standards (DODISS), available from DODSSP-Customer Service, Standardization Documents Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 1911-5094.

[62 FR 38799, July 18, 1997, as amended at 71 FR 61295, Oct. 17, 2006]

**Subpart F—Procedures for Testing
Performance Characteristics
of Class II Equivalent Methods
for PM_{2.5}**

SOURCE: 62 FR 38814, July 18, 1997, unless otherwise noted.

§ 53.60 General provisions.

(a) This subpart sets forth the specific requirements that a PM_{2.5} sampler associated with a candidate Class II equivalent method must meet to be designated as an equivalent method for PM_{2.5}. This subpart also sets forth the explicit test procedures that must be